



OIPE

ENTERED

RAW SEQUENCE LISTING

DATE: 02/25/2002

PATENT APPLICATION: US/10/066,179

TIME: 10:38:50

Input Set : A:\428c1.app.txt

Output Set: N:\CRF3\02252002\J066179.raw

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4 <110> APPLICANT: Horne, William A.
5   Oltersdorf, Tilman
7 <120> TITLE OF INVENTION: HUMAN BAD POLYPEPTIDES, ENCODING NUCLEIC
8   ACIDS AND METHODS OF USE
11 <130> FILE REFERENCE: 480140.428C1
C--> 13 <140> CURRENT APPLICATION NUMBER: US/10/066,179
C--> 15 <141> CURRENT FILING DATE: 2002-02-01
15 <160> NUMBER OF SEQ ID NOS: 15
17 <170> SOFTWARE: FastSEQ for Windows Version 4.0
19 <210> SEQ ID NO: 1
20 <211> LENGTH: 946
21 <212> TYPE: DNA
22 <213> ORGANISM: Homo sapiens
24 <400> SEQUENCE: 1
25 gggcctaggg cgccgggtca ggggcctcga gatcgggctt gggcccagag catgttccag      60
26 atcccagagt ttgagccgag tgagcaggaa gactccagct ctgcagagag gggcctgggc      120
27 cccagccccg caggggacgg gccctcaggc tccggcaagc atcatcgcca ggccccaggc      180
28 ctctgttggg acgccagtca ccagcaggag cagccaacca gcagcagcca tcatggaggc      240
29 gctggggctg tggagatccg gagtcgccac agctcctacc ccgcggggac ggaggacgac      300
30 gaaggggatg gggaggagcc cagccccttt cggggccgct cgcgctcggc gccccccaac      360
31 ctctgggcag cacagcgcta tggccgcgag ctccggagga tgagtgcga gtttgtggac      420
32 tcctttaaga agggacttcc tcgcccgaag agcgcgggca cagcaacgca gatgcggcaa      480
33 agctccagct ggacgcgagt ctccagtc tgggtgggatc ggaacttggg caggggaagc      540
34 tccgccccct cccagtgcac ttccgtccac atcccgaat ccaccgttc ccattgccct      600
35 gggcagccat tttgaatatg ggaggaagta agttccctca ggcctatgca aaaagaggat      660
36 ccgtgctgta tcctttggag ggagggttga cccagattcc cttccggtgt gtgtgaagcc      720
37 acggaagggt ggtcccatcg gaagttttgg gttttccgcc cacagccgcc ggaagtggct      780
38 ccgtggcccc gccctcaggt tccggggttt ccccaggcg cctgcgctaa gtagcgagcc      840
39 aggtttaacc gttgtgtcac cgggacccga gccccgcga tgccctgggg gccgtgatca      900
40 gtaccaaata ttaataaagc ccgcgtgtgt gccaaaaaaa aaaaaa      946
42 <210> SEQ ID NO: 2
43 <211> LENGTH: 168
44 <212> TYPE: PRT
45 <213> ORGANISM: Homo sapiens
47 <400> SEQUENCE: 2
48 Met Phe Gln Ile Pro Glu Phe Glu Pro Ser Glu Gln Glu Asp Ser Ser
49 1      5      10      15
50 Ser Ala Glu Arg Gly Leu Gly Pro Ser Pro Ala Gly Asp Gly Pro Ser
51      20      25      30
52 Gly Ser Gly Lys His His Arg Gln Ala Pro Gly Leu Leu Trp Asp Ala
53      35      40      45
54 Ser His Gln Gln Glu Gln Pro Thr Ser Ser Ser His His Gly Gly Ala
55      50      55      60

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56 Gly Ala Val Glu Ile Arg Ser Arg His Ser Ser Tyr Pro Ala Gly Thr
57 65              70              75              80
58 Glu Asp Asp Glu Gly Met Gly Glu Glu Pro Ser Pro Phe Arg Gly Arg
59              85              90              95
60 Ser Arg Ser Ala Pro Pro Asn Leu Trp Ala Ala Gln Arg Tyr Gly Arg
61              100             105             110
62 Glu Leu Arg Arg Met Ser Asp Glu Phe Val Asp Ser Phe Lys Lys Gly
63              115             120             125
64 Leu Pro Arg Pro Lys Ser Ala Gly Thr Ala Thr Gln Met Arg Gln Ser
65              130             135             140
66 Ser Ser Trp Thr Arg Val Phe Gln Ser Trp Trp Asp Arg Asn Leu Gly
67 145             150             155             160
68 Arg Gly Ser Ser Ala Pro Ser Gln
69              165
71 <210> SEQ ID NO: 3
72 <211> LENGTH: 204
73 <212> TYPE: PRT
74 <213> ORGANISM: Mus musculus
76 <400> SEQUENCE: 3
77 Met Gly Thr Pro Lys Gln Pro Ser Leu Ala Pro Ala His Ala Leu Gly
78 1              5              10              15
79 Leu Arg Lys Ser Asp Pro Gly Ile Arg Ser Leu Gly Ser Asp Ala Gly
80              20              25              30
81 Gly Arg Arg Trp Arg Pro Ala Ala Gln Ser Met Phe Gln Ile Pro Glu
82              35              40              45
83 Phe Glu Pro Ser Glu Gln Glu Asp Ala Ser Ala Thr Asp Arg Gly Leu
84              50              55              60
85 Gly Pro Ser Leu Thr Glu Asp Gln Pro Gly Pro Tyr Leu Ala Pro Gly
86 65              70              75              80
87 Leu Leu Gly Ser Asn Ile His Gln Gln Gly Arg Ala Ala Thr Asn Ser
88              85              90              95
89 His His Gly Gly Ala Gly Ala Met Glu Thr Arg Ser Arg His Ser Ser
90              100             105             110
91 Tyr Pro Ala Gly Thr Glu Glu Asp Glu Gly Met Glu Glu Glu Leu Ser
92              115             120             125
93 Pro Phe Arg Gly Arg Ser Arg Ser Ala Pro Pro Asn Leu Trp Ala Ala
94              130             135             140
95 Gln Arg Tyr Gly Arg Glu Leu Arg Arg Met Thr Asp Glu Phe Glu Gly
96 145             150             155             160
97 Ser Phe Lys Gly Leu Pro Arg Pro Lys Ser Ala Gly Thr Ala Thr Gln
98              165             170             175
99 Met Arg Gln Ser Ala Gly Trp Thr Arg Ile Ile Gln Ser Trp Trp Asp
100             180             185             190
101 Arg Asn Leu Gly Lys Gly Gly Ser Thr Pro Ser Gln
102             195             200
104 <210> SEQ ID NO: 4
105 <211> LENGTH: 33
106 <212> TYPE: DNA
107 <213> ORGANISM: Artificial Sequence

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176 <223> OTHER INFORMATION: PCR primer
178 <400> SEQUENCE: 10
179 gggaattcca tatgttcag atcccagag 29
181 <210> SEQ ID NO: 11
182 <211> LENGTH: 33
183 <212> TYPE: DNA
184 <213> ORGANISM: Artificial Sequence
186 <220> FEATURE:
187 <223> OTHER INFORMATION: PCR primer
189 <400> SEQUENCE: 11
190 tacagtctcg agtcactggg agggggcgga gct 33
192 <210> SEQ ID NO: 12
193 <211> LENGTH: 30
194 <212> TYPE: DNA
195 <213> ORGANISM: Artificial Sequence
197 <220> FEATURE:
198 <223> OTHER INFORMATION: PCR primer
200 <400> SEQUENCE: 12
201 agtatcgaat tcatgtctca gagcaaccgg 30
203 <210> SEQ ID NO: 13
204 <211> LENGTH: 33
205 <212> TYPE: DNA
206 <213> ORGANISM: Artificial Sequence
208 <220> FEATURE:
209 <223> OTHER INFORMATION: PCR primer
211 <400> SEQUENCE: 13
212 attgatgaat tcgttgaagc gttcctggcc ctt 33
214 <210> SEQ ID NO: 14
215 <211> LENGTH: 33
216 <212> TYPE: DNA
217 <213> ORGANISM: Artificial Sequence
219 <220> FEATURE:
220 <223> OTHER INFORMATION: PCR primer
222 <400> SEQUENCE: 14
223 atcagtctcg agactatgga cgggtccggg gag 33
225 <210> SEQ ID NO: 15
226 <211> LENGTH: 33
227 <212> TYPE: DNA
228 <213> ORGANISM: Artificial Sequence
230 <220> FEATURE:
231 <223> OTHER INFORMATION: PCR primer
233 <400> SEQUENCE: 15
234 tacgatgaat tcggtcacgg tctgccacgt ggg 33

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VERIFICATION SUMMARY

PATENT APPLICATION: US/10/066,179

DATE: 02/25/2002

TIME: 10:38:51

Input Set : A:\428cl.app.txt

Output Set: N:\CRF3\02252002\J066179.raw

L:13 M:270 C: Current Application Number differs, Replaced Current Application Number

L:15 M:271 C: Current Filing Date differs, Replaced Current Filing Date



Creation date: 06-12-2004
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No.	Doccode	Number of pages
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3	NPL	3
4	NPL	6
5	NPL	6
6	NPL	4
7	NPL	8

Total number of pages: 41

Remarks:

Order of re-scan issued on